Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Sunday 05 Feb 2023 until 23:59 on Monday 06 Feb 2023

Forecast Issued on Sunday 05 Feb 2023 at 02:35

Confidence: High for a fine day on Sunday, due to high pressure being centred over the UK, and for a change to cloudier conditions from Monday as the high moves away east. This allows weakening frontal troughs to edge southeast across the area with lower confidence around the timing of these.

Headline for Sunday 05 Feb 2023: Dry and sunny. Winds easing

Mountain weather hazards on Sunday 05 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny intervals	Sunny	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Sunday 05 Feb 2023

Weather: Dry and clear then sunny, the sunshine may be rather hazy at times due to thin cloud well above the summits.

Chance of cloud-free hill tops above 800m: 100%

Low cloud and visibility: No cloud expected below the summits with excellent visibility offering good panoramic views of surrounding fells and lakes.

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Mountain Weather Forecast

Forecast for Sunday 05 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	21/27 NE	10/12 E	13/18 S	22/27 S	23/27 S	19/24 S	17/22 S
600	17/25 NE	11/14 E	15/21 S	22/31 S	17/23 S	17/23 S	17/23 S
300	7/19 N	5/11 E	9/17 S	12/22 S	4/16 S	5/16 S	5/16 S
Valley	9/21 N	5/7 NE	4/10 S	6/13 S	3/12 S	3/13 S	4/12 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-0/-7	3/-0	1/-4	-0/-7	-1/-8	-1/-8	-2/-8
600	0/-6	2/-2	2/-3	1/-5	1/-5	0/-6	-0/-6
300	1/-2	2/-1	4/1	4/-1	1/-1	1/-2	0/-2
Valley	4/1	4/2	6/4	6/4	4/2	3/2	3/1
Freezing Level*	400m	400m	500m	500m	500m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Frost likely in valleys at dawn and again in evening.

Forecast for Monday 06 Feb 2023

Weather: Some overnight clear spells and early brightness, but cloud increasing through the morning with patchy light rain and drizzle, falling increasingly as snow above about 750m, in the afternoon.

Maximum wind: Southerly or southwesterly 15-20mph.

Chance of cloud-free hill tops above 800m: Close to 100% at first falling to 25% in west and 60% in east through the morning and close to zero in west and 25% in east for the afternoon.

Low cloud and visibility: Occasional or, especially in the west, periods of cloud developing above 600-750m through the morning, then becoming periods or persistent above 450-600m in the afternoon. Away from cloud visibility good falling at times to several kilometres in rain, drizzle and snow.

Temperature: **Valleys:** Around minus 1 or 2 Celsius at dawn rising to plus 6 or 7 Celsius by day
At 800m: Around minus 3 Celsius rising to plus 1 Celsius
Freezing level: Frozen surfaces at all levels at first gradually rising to 900m

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Mountain Weather Forecast

Ground Conditions Supplement
Location: Helvellyn summit at 14:20. Temperature: plus 1.7 deg C. Maximum wind speed 27.6mph. Wind chill: minus 6.7 deg C. Average wind speed: 23.3mph.

Full report:
The thaw continues with summit temperatures on the Lake District fells above freezing and the remaining snow patches disappearing fast.
It is now possible to ascend and descend both Striding and Swirral Edges on Helvellyn without setting foot on snow with a bit of careful route choice. Head left on the way up the Striding headwall while the snow free route is on the left (climbers right) as you descend Swirral
The remaining snow patches are mainly to be found on steep N through E aspects above 850m and in sheltered hollows and gullies. Small thawing and unstable cornices also still exist above the east face of Helvellyn.
High pressure is forecast for Sunday with an overnight frost at all levels. This will quickly refreeze the wet snow giving serious and icy conditions. Crampons and an ice axe will be essential for anyone who wishes to venture onto the remaining snow. However in general the fells and popular paths are now snow free.
While crampons and an ice axe won't be required by the vast majority of walkers your enjoyment and safety will be vastly increased if you go well equipped with plenty of warm and waterproof clothing, hats and gloves, food & fluid, a reliable and appropriate method of navigation and a headtorch.

This is an automated email. If you need a response please email felltop.assessors@lakedistrict.gov.uk

Issued at: 02:35 on Sun 05 Feb 2023

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